



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/517,861

12/14/2004

Mari Kurakami

075834.00405

9002

33448 7590 04/14/2009

ROBERT J. DEPKE
LEWIS T. STEADMAN
ROCKEY, DEPKE & LYONS, LLC
SUITE 5450 SEARS TOWER
CHICAGO, IL 60606-6306

EXAMINER

RADA, ALEX P

ART UNIT

PAPER NUMBER

3714

MAIL DATE

DELIVERY MODE

04/14/2009

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/517,861	Applicant(s) KURAKAMI, MARI	
	Examiner ALEX P. RADA	Art Unit 3714	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-19 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>12/14/04;2/23/07;3/23/07;5/18/07</u> . | 6) <input type="checkbox"/> Other: ____. |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-19 are rejected under 35 U.S.C. 102(b) as being anticipated by Hirano et al. (JP 2001-1000684).

Regarding claim 1, Hirano et al. (hereafter Hirano) discloses an electronic apparatus comprising: a soft encasing body (figures 1-11; wherein a soft encasing body shown), and a soft electronic component provided in the encasing body (figures 1-11; wherein the diagram of the soft electronics shown).

Regarding claims 2 and 12, Hirano discloses wherein a speaker having flexibility; and a signal processing section having flexibility (figure 1 and 2; wherein the flexibility of the speaker and the processing section shown).

Regarding claims 3 and 13, Hirano discloses wherein the signal processing section is provided on a sheet-shaped circuit board having flexibility (figures 1-11; wherein the sheet-shaped circuit board having flexibility shown); and the circuit board is rolled so as to have a hollow section and mounted in the encasing body (figure 1-11).

Regarding claims 4 and 14, Hirano discloses wherein the signal processing section is configured to have an organic semiconductor element (figures 1-11).

Regarding claims 5-6 and 15-16, Hirano discloses the signal processing section has a wireless communication function; and the signal processing section has a information storage section; and

Art Unit: 3714

the information storage section stores an information signal that is obtained by use of the wireless communication function (figures 1-11; wherein the process of recording a person voice and picture and storing the voice and picture and presenting the recorded message and picture to another person and that person opening the recorded message and picture is the wireless communication function and storage).

Regarding claim 7 and 17, Hirano discloses the electronic component includes a sheet-shaped polymer battery (figure 11; wherein the polymer battery shown).

Regarding claims 8 and 18, Hirano discloses wherein the sheet-shaped polymer battery is rolled so as to have a hollow section and mounted in the encasing body (figures 1-11).

Regarding claims 9 and 19, Hirano discloses 9 the electronic component is controllable by a remote controller (figures 1-11; wherein when the audio recording is opened a switch is triggered to output the recorded message).

Regarding claim 10, Hirano disclose an electronic apparatus comprising: a soft encasing body (figure 1 item 2; wherein a soft encasing body shown); a soft electronic component provided in the encasing body (figures 1 and 2; wherein the diagram of the soft electronics shown); and a soft display section disposed on a surface of the encasing body (figures 1-3 items 11 and 31; wherein the organic-electroluminescence (soft) display is shown).

Regarding claim 11, Hirano discloses wherein the display section is configured to have a display device formed on a sheet having flexibility (figures 1 and 2; wherein the display device formed on a sheet having flexibility is the substrate having flexibility).

Art Unit: 3714

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Hack et al. (US 7,050,835) disclose a multi-media display communication system.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to ALEX P. RADA whose telephone number is (571)272-4452. The examiner can normally be reached on Monday - Thursday, 09:00-6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Peter Vo can be reached on 571-272-4690. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/A. P. R./
Examiner, Art Unit 3714
/Peter D. Vo/
Supervisory Patent Examiner, Art Unit 3714